SEQUENCE LISTING

<110> van Ommen, Garrit J.B.
      Petrij-Bosch, Anne
      Bakker, Egbert
      Devilee, Peter

<120> A diagnostic test kit for determining a predisposition
      for breast and ovarian cancer, materials and methods
      for such determination

<130> 294-78

<140> US 09/445,174
<141> 2000-04-24

<150> PCT/NL98/00325
<151> 1998-06-03

<150> EP 97201700.8
<151> 1997-06-04

<160> 23

<170> PatentIn Ver. 2.1

<210> 1
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward
      for D17S1322

<400> 1
ctagcctggg caacaaacga   20

<210> 2
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse
      for D17S1322

<400> 2
gcaggaagca ggaatggaac   20

<210> 3
<211> 21
<212> DNA
<213> Artificial Sequence

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<220>
<223> Description of Artificial Sequence: primer forward
      for D17S855

<400> 3
ggatggcctt ttagaaagtg g                                    21


<210> 4
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse
      for D17S855

<400> 4
acacagactt gtcctactgc                                      20


<210> 5
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward
      for D17S1323

<400> 5
taggagatgg attattggtg                                      20


<210> 6
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse
      for D17S1323

<400> 6
aagcaacttt gcaatgagtg                                      20


<210> 7
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward
      for first PCR
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<400> 7
tcacagtgca gtgaattgga ag                                              22


<210> 8
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse
     for first PCR

<400> 8
gtagccagga cagtagaagg actg                                            24


<210> 9
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward
     for second PCR

<400> 9
gaagaaagag gaacgggctt gg                                              22


<210> 10
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse
     for second PCR

<400> 10
ggccactttg taagctcatt c                                               21


<210> 11
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward

<400> 11
aaccaccaag gtccaaagc                                                  19


<210> 12
<211> 24
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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse

<400> 12
gtagccagga cagtagaagg actg   24

<210> 13
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse

<400> 13
tacgtgggtt caactgaagc   20

<210> 14
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward

<400> 14
tcccattgag aggtcttgct   20

<210> 15
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse

<400> 15
actgtgctac tcaagcacca   20

<210> 16
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward

<400> 16
gaaaaaaaag tacaaccaaa tgcc   24

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<210> 17
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
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<400> 17
agcccacttc attagtactg gaac                                                24


<210> 18
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward

<400> 18
taccctataa gccagaatcc agaa                                                24


<210> 19
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
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<400> 19
ggccactttg taagctcatt c                                                   21


<210> 20
<211> 720
<212> DNA
<213> Homo sapiens

<220>
<223> /note="Exon 22 of BRCA1 and its flanking intron
      sequences, pos. 79441-80160"

<400> 20
agaggtcttg ctataagcct tcatccggag agtgtagggt agagggcctg ggttaagtat 60
gcagattact gcagtgattt tacatctaaa tgtccatttt agatcaactg gaatggatgg 120
tacagctgtg tggtgcttct gtggtgaagg agctttcatc attcacccct ggcacagtaa 180
gtattgggtg ccctgtcaga gagggaggac acaatattct ctcctgtgag caagactggc 240
acctgtcagt ccctatggat gcccctactg tagcctcaga agtcttctct gcccacatac 300
ctgtgccaaa agactccatc tgtaagggat gggtaaggat ttgagaactg cacatattaa 360
atatactgag ggaagacttt ttccctctaa ctctttttcc catatgtccc tcccctcct 420
ctctgtgact gccccagcat actgtgtttc aacaaatcat caagaaatga tgggctggag 480
gctgggcatg gtggctcatg tctgtaatcc cagcactttg ggaggccgag gcaggtggat 540
cacttgtcag gagtttgaga ccagcctggc caacatggtg aaaccccatc tgtactaaaa 600
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aaaaaaaaac aaaaagtagc caggcctggt ggagcatgcc tgtaatgcca gctatttggg 660
aagttgaggt gtgagcatcg cttgaacgtg ggaggcagag gttgcagtga gccaagattg 720

<210> 21
<211> 178
<212> DNA
<213> Homo sapiens

<220>
<223> /note="Intronic region flanking exon 12, pos.
      44423 - 44600"

<400> 21
cctgtaatcc cagcactttg ggaggccgag gcgggaggat catgtggtca ggagatccag 60
accatcctgg ctaacacggt gaaacaccat ttctactaaa actacaaaaa attagctggg 120
catggtggcg ggcgcctgta atcccagcta ctcaggaggc tgaagcagaa gaatggct   178

<210> 22
<211> 180
<212> DNA
<213> Homo sapiens

<220>
<223> /note="Intronic region flanking exon 13, pos.
      48256 - 48436"

<400> 22
cctgtaaccc cagcactttg ggaggccaag gcaggcgaat cacctgaggt cgggagctcg 60
agaccagcct gaccaacatg gagaaaccac atctctacta aaactacaaa aaattagccg 120
ggcgtggtgg cacatgcctg taatcccagc tacttgggag ctacggtgcc tggcctagtt 180

<210> 23
<211> 60
<212> DNA
<213> Homo sapiens

<220>
<223> /note="Deletion-function fragment"

<400> 23
agaccatcct ggctaacacg gtgaaacacc atttctacta aaactacaaa aaattagccg 60